Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 15 Nov 2020 until 23:59 on Monday 16 Nov 2020

Forecast Issued on Sunday 15 Nov 2020 at 03:25

Confidence: High for a typically unsettled autumnal pattern with showers or longer periods of rain dominating. However the confidence in the timing of worst of the conditions gradually lowers through the week.

Headline for Sunday 15 Nov 2020: Showers or longer periods of rain, heavy at times with risk hail and thunder. Windy at height.

Mountain weather hazards on Sunday 15 Nov 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy rain showers	Light rain showers	Heavy Rain	Light rain
Precipitation probability					
40%	70%	60%	60%	70%	60%

Forecast for Sunday 15 Nov 2020

Weather: Rather cloudy with frequent showers that merge to longer periods of rain at times, mainly through the late afternoon and early evening. Risk of hail and thunderstorms, particularly during the afternoon and across western peaks. Turning drier with more broken cloud cover during the mid to late evening for a time.

Chance of cloud free mountain/hill tops above 600m: Generally 40% becoming 20% during the late afternoon and early evening with bases broken to overcast from 500-700m, then improving 80% for a time late evening.

Visibility: Good lowering to a handful of kilometres in rain and showers, and less in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 15 Nov 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/41 S	24/34 S	29/42 SW	27/39 SW	25/36 SW	25/37 W	26/39 W
300	16/33 S	15/31 S	18/36 SW	17/35 SW	15/32 SW	17/35 W	17/36 W
Valley	16/37 S	14/32 S	15/35 SW	15/33 S	13/28 SW	14/31 W	14/31 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	7/2	4/-3	3/-3	2/-4	5/-1	6/0
300	8/5	9/5	6/2	6/1	5/1	7/3	8/4
Valley	10/7	10/7	8/4	7/3	7/3	8/5	9/6
Freezing Level*	1600m	1600m	1000m	1000m	1000m	1400m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts reaching 45-50mph across most exposed ridges and summits, bringing a significant wind chill effect.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 15 Nov 2020	4.6mm	14.8mm	18.6mm

Forecast for Monday 16 Nov 2020

Weather: Cloudy with frequent showers at first, but turning largely dry and increasingly bright towards mid-morning. Cloud gradually thickening and lowering from the west from early afternoon, heralding the area of rain that pushes across the area during the afternoon and early evening. Rain turning heavy at times, particularly in western areas of the Park where hill fog becomes extensive.

Maximum wind: Westerly mean 35-40 mph at first with gusts 50-55 mph across most exposed ridges and summits, before gradually easing from late morning.

Chance of cloud free mountain/hill tops above 600m: 30% at dawn, increasing 80% from mid-morning, becoming by evening nil in west and 20% in east, as bases become extensive to broken from 450-600m

Visibility: Good or very good, sporadically lowering to a handful of kilometres in early showers, then more generally in later rain.

Temperature: **Valleys:** Plus 3 Celsius rising to 12 Celsius during the afternoon
At 600m: Plus 4-5 Celsius rising 7-8 Celsius
Freezing level: Above summits

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